

# Claims

- [c1] An arm support with pad, comprising:
- a clamp for detachably mounting to a desk, said desk comprising a sheet of rigid material having an upper and lower surface and a front edge,
  - a support structure comprising a plurality of shafts,
  - a pad comprising a working surface upon which a device can ride,
  - a rest comprising a sheet of rigid material of sufficient size to allow a downward force,
  - said plurality of shafts comprising at least a first shaft, a second shaft and a third shaft,
  - said first shaft rotationally connected at one end to said clamp with a first swivel joint and at the opposite end to said second shaft with a second swivel joint,
  - said second shaft rotationally connected at one end to said first shaft and at the opposite end to said third shaft with a third swivel joint,
  - said pad directly connected to said first shaft, and
  - said rest directly connected to said third shaft.
- [c2] The arm support with pad according to claim 1, wherein said support structure is rotatable 360 de-

grees around said first swivel joint between a using position extending from said front edge of said desk, and a storage position below said lower surface of said desk, whereby enough clearance is provided between said support structure and said lower surface of said desk such that said arm support with pad can be stored, when not in use, under said desk without detaching from said clamp.

[c3] The arm support with pad according to claim 1, wherein said second shaft is rotatable 180 degrees around said second swivel joint, whereby flexible lateral positioning of said rest with respect to said pad can be obtained for optimal comfort to the user when in a using position.

[c4] The arm support with pad according to claim 1, wherein said third shaft is rotatable 360 degrees around said third swivel joint.

[c5] The arm support with pad according to claim 1, further including a basket directly attached to said pad, comprising a container of sufficient size and strength to hold the device.

[c6] An arm support with mouse pad, comprising:  
a clamp for detachably mounting to a desk, said desk

comprising a sheet of rigid material having an upper and lower surface and a front edge,  
a support structure comprising a plurality of shafts,  
a mouse pad comprising a working surface upon which a computer mouse can ride,  
a forearm rest comprising a sheet of rigid material of sufficient size to allow the resting of a human forearm,  
said plurality of shafts comprising at least a first shaft, a second shaft and a third shaft,  
said first shaft rotationally connected at one end to said clamp with a first swivel joint and at the opposite end to said second shaft with a second swivel joint, said second shaft rotationally connected at one end to said first shaft and at the opposite end to said third shaft with a third swivel joint,  
said mouse pad directly connected to said first shaft,  
said forearm rest directly connected to said third shaft,  
said support structure is rotatable 360 degrees around said first swivel joint between a using position extending from said front edge of said desk, and a storage position below said lower surface of said desk, whereby enough clearance is provided between said support structure and said lower surface of said desk such that said arm support with mouse pad can

be stored, when not in use, under said desk without detaching from said clamp.

- [c7] A clamp for detachably mounting to a desk, comprising:
- a generally C-shaped main clamp element comprising an L-shaped plate consisting of an edge surface perpendicular to an upper surface, said edge surface having a near end and a far end, said near end connected to said upper surface and said far end connected to an angled bracket with protruding threaded cylinder extending at an approximately 45 degree angle relative to the far end of said edge surface,
  - a pivoting arm comprising a pivoting U-shaped element and a supporting U-shaped element,
  - said pivoting U-shaped element including two generally parallel first and second pivoting arms interconnected at their near ends by a third pivoting arm perpendicular to said first and second pivoting arms,
  - said first and second pivoting arms rotationally connected at their far ends to said angled bracket, said third pivoting arm parallel to said upper surface and said edge surface, whereby said first and second pivoting arms may rotate from a starting position 90 degrees from said edge surface, to an ending position angle lesser than 90 degrees from said edge

surface as determined by said third pivoting arm resting against said upper surface, and said supporting U-shaped element including two generally parallel first and second supporting arms interconnected at their near ends by a third supporting arm perpendicular to said first and second supporting arms and parallel to said third pivoting arm, said first and second supporting arms rotationally connected at their far ends to said first and second pivoting arms, said third supporting arm including a threaded hole through which said protruding threaded cylinder passes, whereby the turning of said protruding threaded cylinder moves said supporting U-shaped element with respect to said C-shaped main clamp element, exerting force on said pivoting U-shaped element rotating said U-shaped element between said starting position and said ending position.